IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITEC OFFICE OF REGULATION SERVICES

A# 03-117117

**REVISIONS:** DESCRIPTION DATE 4-5-2017 Addendum A

12-05-201 **DATE ISSUED: PROJECT NO:** 2014-4016 SCALE:

SHEET NUMBER SHEET TITLE:

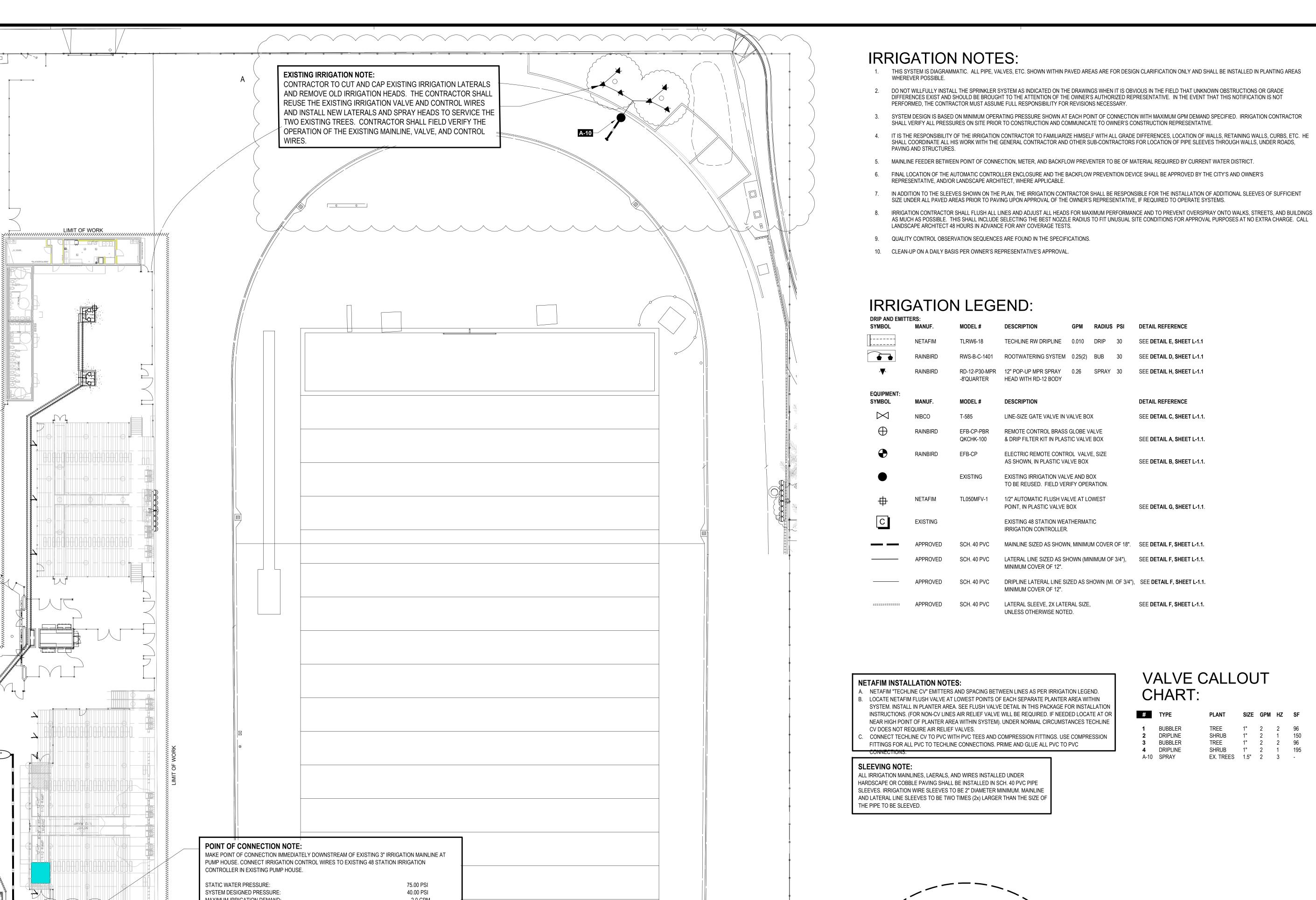
# **IRRIGATION PLAN**



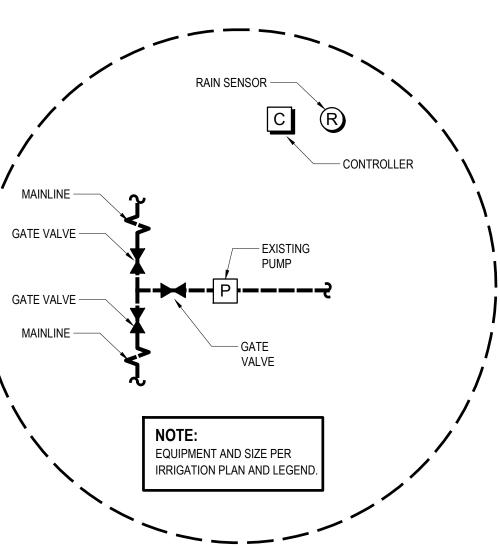


10221-A Trademark Street Rancho Cucamonga, CA 91730 PH. (909) 484-2800 Fax (909) 484-2802

CA Lic. # 2834 AZ LIC. # 29115 NV LIC. # 446



A. NETAFIM "TECHLINE CV" EMITTERS AND SPACING BETWEEN LINES AS PER IRRIGATION LEGEND. B. LOCATE NETAFIM FLUSH VALVE AT LOWEST POINTS OF EACH SEPARATE PLANTER AREA WITHIN SYSTEM. INSTALL IN PLANTER AREA. SEE FLUSH VALVE DETAIL IN THIS PACKAGE FOR INSTALLATION INSTRUCTIONS. (FOR NON-CV LINES AIR RELIEF VALVE WILL BE REQUIRED. IF NEEDED LOCATE AT OR NEAR HIGH POINT OF PLANTER AREA WITHIN SYSTEM). UNDER NORMAL CIRCUMSTANCES TECHLINE CONNECT TECHLINE CV TO PVC WITH PVC TEES AND COMPRESSION FITTINGS. USE COMPRESSION



TYPICAL POTABLE WATER P.O.C.

#### PIPE SIZING CHART SCHEDULE 40 PVC 3/4" 0-8 GPM 1" 9-12 GPM C 1 1/4" 13-22 GPM D 1 1/2" 23-30 GPM 2" 31-50 GPM

### PLAN CROSS REFERENCES:

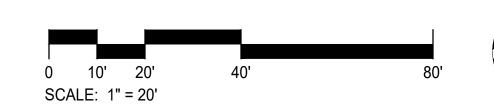
FOR NOTES AND LEGENDS, THIS SHEET

FOR IRRIGATION DETAILS, SEE SHEET L-1.1

FOR IRRIGATION SPECIFICATIONS, SEE BOOK SPECS

FOR CORRESPONDING PLANTING PLAN SEE SHEET L-2.0

THIS SYSTEM IS DESIGNED TO USE WATER FROM A POTABLE WATER SOURCE



DETAIL REFERENCE

SEE **DETAIL C**, **SHEET L-1.1**.

SEE **DETAIL A, SHEET L-1.1**.

SEE **DETAIL B, SHEET L-1.1**.

SEE **DETAIL G, SHEET L-1.1**.

SEE **DETAIL F, SHEET L-1.1**.

CHART:

BUBBLER

4 DRIPLINE

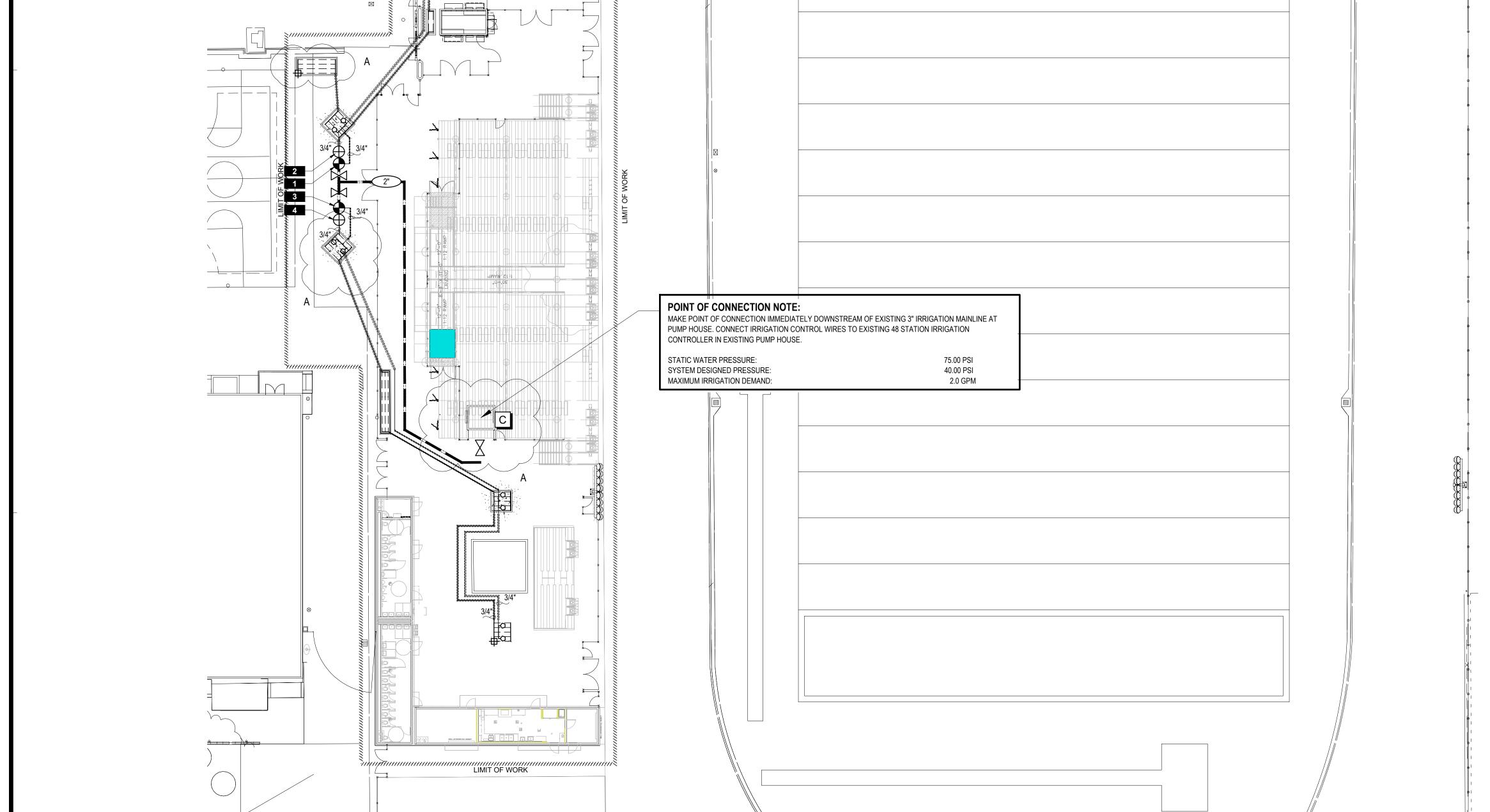
A-10 SPRAY

VALVE CALLOUT

TREE 1" 2 2 96

SHRUB 1" 2 1 195

EX. TREES 1.5" 2 3 -



**EXISTING IRRIGATION NOTE:** 

\_\_\_ D \_\_\_\_

WIRES.

LIMIT OF WORK

Know what's below.

Call before you dig.

CONTRACTOR TO CUT AND CAP EXISTING IRRIGATION LATERALS

AND REMOVE OLD IRRIGATION HEADS. THE CONTRACTOR SHALL

AND INSTALL NEW LATERALS AND SPRAY HEADS TO SERVICE THE

TWO EXISTING TREES. CONTRACTOR SHALL FIELD VERIFY THE

OPERATION OF THE EXISTING MAINLINE, VALVE, AND CONTROL

REUSE THE EXISTING IRRIGATION VALVE AND CONTROL WIRES

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SHEET NUMBER

LANDSCAPE

NV LIC. # 446

**IRRIGATION** 

**DETAILS** 

SHEET TITLE:

SCALE:

DATE

12-05-201

2014-4016

4-5-2017

-(15) - (16) - (7) - (13) - (8) - (9) - (10)CONTROL WIRE EXPANSION LOOP.

BALL VALVE. MULCH BED. FINISH GRADE. PVC LATERAL LINE, SIZE PER PLAN. AUTOMATIC CONTROL VALVE PER IRRIGATION

2 6 4

5. PRESSURE REGULATING, QUICK CHECK BASKET FILTER. WATERPROOF WIRE CONNECTORS PER IRRIGATION SPECIFICATIONS. PILOT WIRE. APPROVED PLASTIC CHRISTY VALVE I.D. TAG. 3/4" CRUSHED GRAVEL, 3 CU. FT. MINIMUM. BRICK SUPPORT, (4) REQUIRED. RECTANGULAR VALVE BOX w/ BOLT DOWN

COVER PER SPECIFICATIONS.

12. PVC UNION FOR SERVICING ASSEMBLY.

INSTALL VALVES MINIMUM OF 2'-0" APART, AND A MINIMUM OF 2'-0' FROM STRUCTURES AND HARDSCAPES IN SHRUB AREAS. PLACE 3/4" CRUSHED GRAVEL PRIOR TO INSTALLATION OF VALVE PLACE VALVE BOX AT RIGHT ANGLE TO ADJACENT HARDSCAPE OR PROVIDE PLASTIC VALVE CHRISTY I.D. TAGS PER SPECIFICATIONS. HEAT BRAND BOX 'DRIP RCV'.

USE NON-HARDENING TEFLON PIPE SEALANT ON ALL THREADED

PVC-TO-PVC CONNECTIONS. USE COMPRESSION FITTINGS

INSTALL LINES AT 3" BELOW SURFACE FOR TURF AREAS,

USE COMPRESSION FITTINGS FOR ALL PVC-TO-TECHLINE

USE UVR PVC MATERIAL FOR ALL ON GRADE MATERIAL.

CONDITIONS WHERE SYSTEM ELEV. EXCEED 4 1/2'. NO

INSTALL NETFIM IN-LINE CHECK VALVE FOR ALL

PVC FITTINGS, TYPE AND SIZE AS REQUIRED.

GLUE ALL PVC-TO-PVC CONNECTIONS.

LOW HEAD DRAINAGE ALLOWED.

FOR ALL PVC-TO-TECHLINE CONNECTIONS.

TIE DOWN STAKE, SPACING AT 2' O.C. MAX.

FINISH GRADE.

3" IN SHRUB AREAS.

PRESSURE MAINLINE.

PVC SCH. 80 TEE.

PVC SCH. 80 ELBOW

PVC SCH. 80 NIPPLE

REMOTE CONTROL DRIP VALVE

COMMON BRICK (4) REQUIRED. COMMON WIRE TO OTHER VALVES ON SAME CONTROLLER.

ELECTRIC CONTROL VALVE. 3/4" CRUSHED ROCK, 8" DEEP. RECTANGULAR PLASTIC VALVE BOX W/ BOLT-DOWN CONTROL / COMMON WIRES FROM CONTROLLER. COVER. HEAT BRAND VALVE STATION NO. ON LID IN 2" HIGH 11. PVC SCH 40 PIPE (TYP). CHARACTERS. PVC SXS 90° ELL. YELLOW PLASTIC CHRISTY VALVE I.D. TAG. WIRE CONNECTOR. FINISH GRADE. MAINLINE FITTING W/ SOLVENT. WELD OUTLET. PVC MALE ADAPTOR (TYP). 15. COIL WIRES PER SPECIFICATIONS. PVC PIPE TO SPRINKLERS - ANGLE PIPE TO SPECIFIED DEPTH w/ 45° ELLS.

> USE TEFLON TAPE OR TEFLON PIPI DOPE ON ALL PVC TO PVC OR META TO PVC MALE PIPE THREADS.

> > TRENCHING NOTES:

BELOW PAVED AREAS A MINIMUM OF 6" LAYER OF CLEAN EARTH SHALL BE INSTALLED ABOVE AND BELOW PIPING. PROVIDE MINIMUM COVER OF 24" ON PRESSURE SUPPLY LINES 3" AND LARGER. WHEN USING RECLAIMED WATER,

SEPARATION BETWEEN POTABLE AND

RECLAIMED PRESSURE LINES WHERE LINES CROSS, PROVIDE PVC SLEEVE FOR POTABLE LINE MINIMUM 5' EACH SIDE OF

BUNDLE WIRES WITH TAPE EVERY 10'.

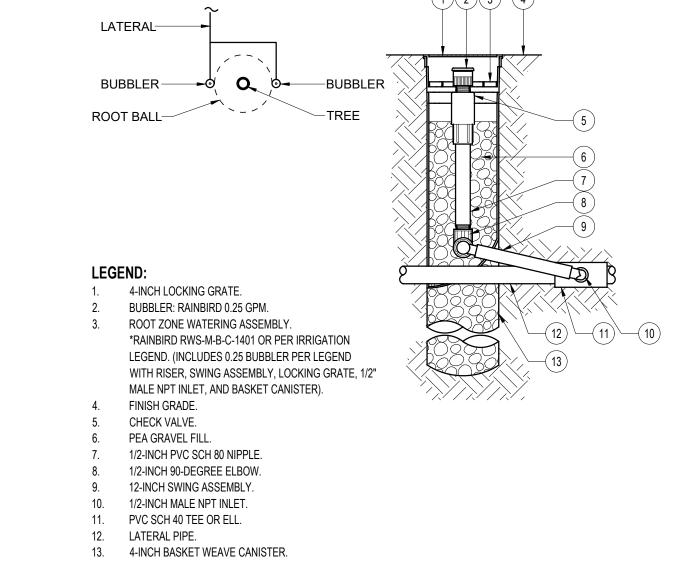
RECLAIMED WATER LINE.

1" IN TURF AREAS 3" IN SHRUB AREAS

1. ROUND PLASTIC VALVE BOX & COVER MARKED 'IRRIGATION GATE'. USE CHRISTY FL8 BOX & FL80 LID OR EQUAL.

FINISH GRADE. GATE VALVE. SEE IRRIGATION LEGEND FOR MODEL NO. 4. 3/4" WASHED CRUSHED AGGREGATE BASE. 5. SCH. 40 PVC MALE ADAPTORS.

NOTES: PLACE AGGREGATE PRIOR TO INSTALLATION OF VALVE BOX.



LEGEND:

B REMOTE CONTROL VALVE

SCALE: 1" = 1'-0"

GATE VALVE
SCALE: 1 1/2" = 1'-0"

BUBBLER TO TREE

SCALE: 1" = 1'-0"

1. PVC INPUT LATERAL FROM VALVE, SIZE AS NOTED ON IRRIGATION PLAN. 2. NETAFIM DRIPPERLINE TLCV, EMITTERS AND SPACING

BETWEEN LINES AS PER IRRIGATION LEGEND. MANUAL 1/2" FLUSH VALVE, MODEL AS NOTED ON IRRIGATION PLAN. INSTALL IN PLANTER AREA AT LOW END FARTHEST FROM VALVE. SEE FLUSH VALVE DETAIL FOR INSTALLATION. PVC EXHAUST HEADER, SIZE AS REQUIRED (3/4" MINIMUM). CONNECT TECHLINE TO PVC WITH PVC TEES AND COMPRESSION FITTINGS. GLUE ALL PVC-TO-PVC CONNECTIONS.

PVC COMPRESSION FITTINGS FOR ALL TECHLINE-TO-TECHLINE CONNECTIONS. PLANTER AREA - SEE PLANS. EDGE OF PLANTER AREA. 8. PVC FITTINGS, TYPE AND SIZE AS REQUIRED. GLUE ALL

**SLEEVING NOTES:** ALL SLEEVES TO BE SCH. 40 PVC. EXTEND ALL SLEEVES 12" BEYOND EDGE OF HARDSCAPING AT BOTH ENDS. ROUTE SLEEVING ALONG HANDICAP RAMP. PIPING UNDER PAVEMENT SUSCEPTIBLE TO TRAFFIC LOADS REFER TO CITY STD. 24" MIN. TO 36" MAX. DEPTH TO TOP OF PIPE BELOW STRUCTURAL SECTION.

**SLEEVING SECTION** NON-PRESSURE LATERAL LINE

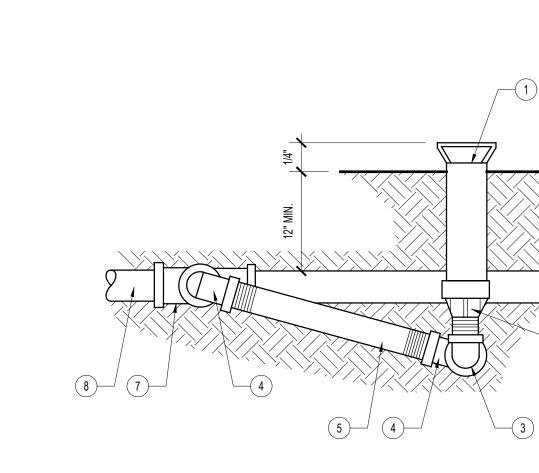
PRESSURE SUPPLY LINE. CONTROL WIRES. CLEAN BACKFILL - 90% COMPACTION REQUIRED 6" MIN. SAND BEDDING AND SHADDING. 2" MIN. OF CLEAN EARTH. NON-PRESSURE LATERAL LINE SLEEVE - SIZE TWICE DIAMETER OF NON-PRESSURE LATERAL LINE PRESSURE SUPPLY LINE SLEEVE - SIZE TWICE DIAMETER OF PRESSURE SUPPLY LINE. CONTROL WIRE SLEEVE - SIZE PER PLAN, INSTALL ADJACENT TO PRESSURE SUPPLY LINE.

TRENCHING & SLEEVING

SCALE: 1/4" = 1'-0"

FINISH GRADE. HARDSCAPE PER CONSTRUCTION PLANS. FLUSH WITH TURF AREAS 3" ABOVE GRADE AT PLANTER AREAS 

1/2" DIAMETER DRIPLINE. 1/2" NETAFIM TLSOV VALVE w/ COMPRESSION CONNECTION. 6" DIAMETER PLASTIC VALVE BOX WITH GREEN LID. 6" CRUSHED GRAVEL FINISH GRADE. PLASTIC CHRISTY VALVE I.D. TAG.



4" POP-UP ON TURF, 12" POP-UP FOR SHRUB. FINISH GRADE. SCH 40 PVC 90° STREET ELL. MARLEX 90° STREET ELL. SCH 80 PVC 1/2" NIPPLE TYP. FACTORY INSTALLED ANTI-DRAIN CHECK. NON-PRESSURE LATERAL FITTING. NON-PRESSURE LATERAL LINE.

A. LOCATE HEAD 2" TO 4" FROM MOW STRIPS, CONCRETE HEADERS, AND EDGES OF LAWN. LOCATE HEAD 24" AWAY FROM PAVING THAT DRAINS TO STREET USE TEFLON TAPE ON ALL MALE THREADS. COMPENSATING FEATURE AS PER IRRIGATION PLAN. HEAD CONNECTION AT BOTTOM INLET ONLY.

POP-UP SPRAY HEAD

SCALE: 4" - 41 2"

Non-Residential Landscape Projects

Reference ETo for the area ETo= 50.1

Special Landscape Areas

**ETAF Calculations** 

All Landscape Areas

Total ETAF x Area 255

Total ETAF x Area 255

Total Landscape Area (LA) 595 Sitewide ETAF 0.43

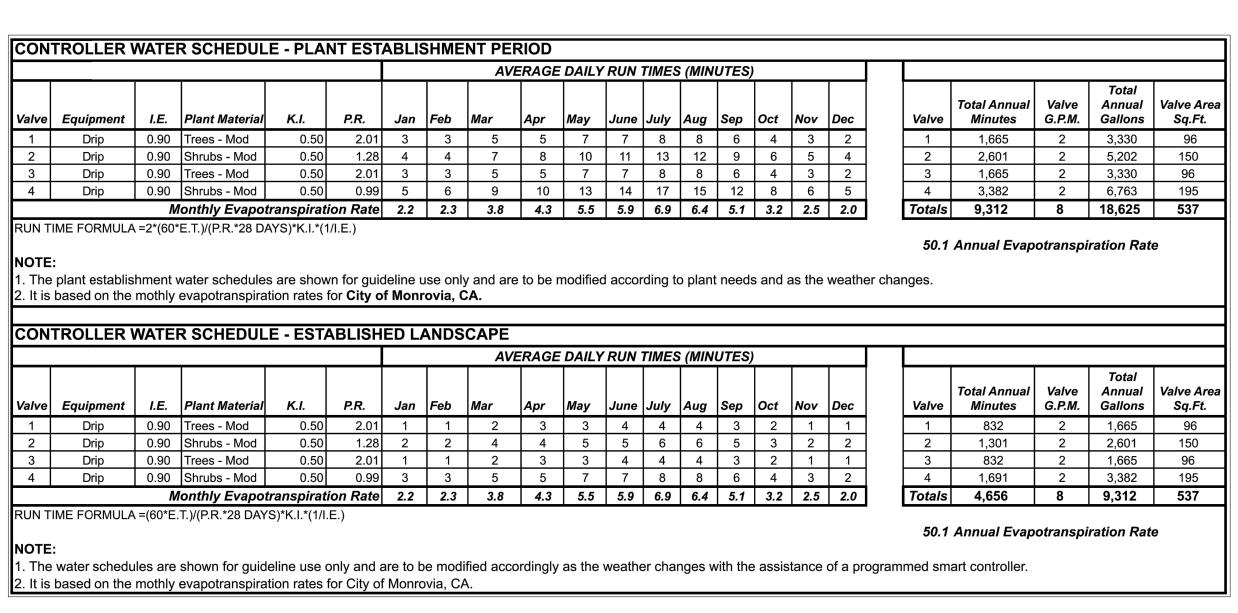
WATER EFFICIENT LANDSCAPE WORKSHE

DRIPLINE BELOW GRADE

PRESSURE LOSS

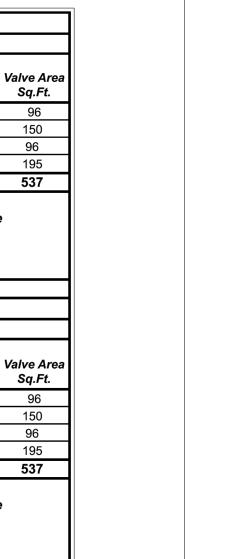
SCALE: N / A

INFORMATION SOURCE: EXISTING GAUGE (FIELD VERIFY) PH. NO.: DATE: 01/12/17 VALVE NUMBER: 2 IRRIG. TYPE: Drip GPM: 2.0 STATIC WATER PRESSURE AT WATER METER: SIZE DESCRIPTION 1" SERVICE LINE: 1" WATER METER: PRESSURE REGULATOR: GATE/BALL VALVE: QTY: GATE/BALL VALVE: QTY: 2 REMOTE CONTROL VALVE: TOTAL PVC LATERAL LINE LOSS: PVC LATERAL LINE FITTING LOSS (10%): TOTAL FRICTION LOSS: **ELEVATION AT METER:** ELEVATION DIFFERENCE: 0.433 PSI REQUIRED AT VALVE: TOTAL PSI REQUIRED: 40.0 REGULATED PRESSURE AT POC (IF APPLICABLE): 35.0 RESIDUAL PRESSURE (MUST BE POSITIVE):





CONTROLLER CHART



WATER BUDGET
SCALE: N. / ^

MAWA calculation: (Eto) (.62) [(ETAFxLA) + ((1-ETAF) x S MAWA - ETWU=

Average ETAF 0.43 0.45 or below for non-residential areas.

Total Area 595 Average ETAF for Regular Landscape Areas must be



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**PLANTING PLAN** 





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NV LIC. # 446

PLAN CROSS REFERENCES:

FOR NOTES AND LEGENDS, SEE THIS SHEET

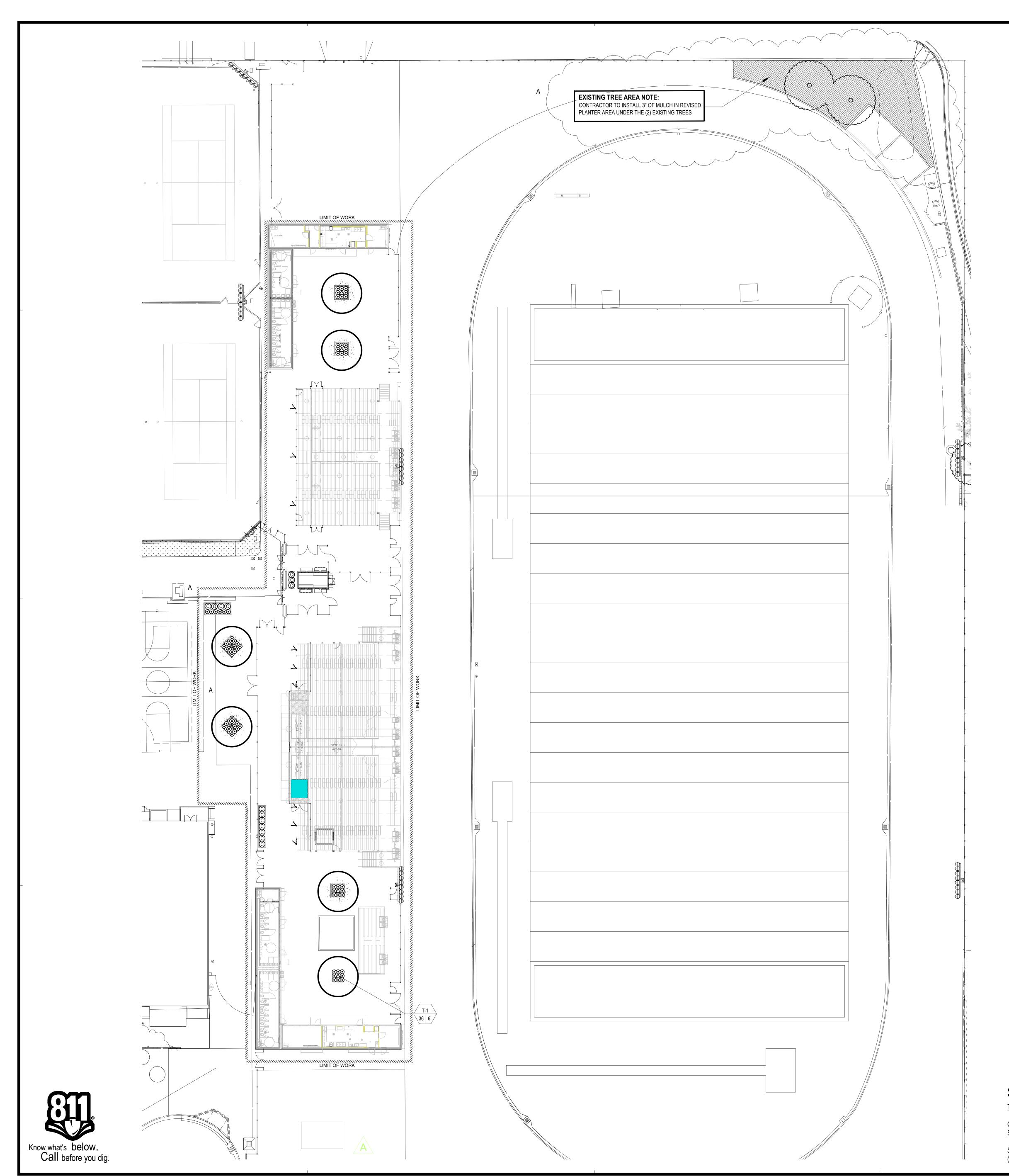
FOR PLANTING SPECIFICATIONS, SEE BOOK SPECS

FOR CORRESPONDING IRRIGATION PLAN SEE SHEET L-1.0

FOR PLANTING DETAILS, SEE SHEET L-2.1

0 10' 20'

SCALE: 1" = 20'



#### PLANTING NOTES:

SHRUB LAYOUT AS SHOWN ON PLAN INDICATES "SHRUB MASSES." QUANTITIES ARE AS SHOWN ON PLAN, ON-CENTER SPACING AS SHOWN ON LEGEND. CONTRACTOR TO VERIFY QUANTITIES BASED ON SPACING AND ADD ADDITIONAL PLANT MATERIAL (AT NO ADDITIONAL COST TO THE OWNER) REQUIRED TO MAINTAIN DESIGN INTENT DUE TO EXISTING SITE CONDITIONS NOT ANTICIPATED DURING DESIGN. LAYOUT/SPÀCING WILL EITHER BE TRIANGULAR OR LÍNEAR AS SHOWN ON PLAN OR LEGEND. LANDSCAPE ARCHITECT TO APPROVE FINAL LAYOUT IN FIELD PRIOR TO INSTALLATION.

2. CONTRACTORS SHALL NOTIFY THE LANDSCAPE ARCHITECT OF SITE CONDITIONS WHICH PREVENT INSTALLATION PER PLANS AND SPECIFICATIONS.

CONTRACTOR SHALL BE LIABLE FOR REMOVING AND RE-INSTALLING IRRIGATION EQUIPMENT, AND REPLANTING AREAS WHICH ARE NOT INSTALLED PER PLAN AND

4. REFER TO PLANTING SPECIFICATIONS FOR INSPECTION/CERTIFICATION SCHEDULE.

5. IRRIGATION SYSTEM SHALL BE INSTALLED AND OPERATIONAL PRIOR TO INSTALLATION OF PLANT MATERIALS.

6. TREES AND SHRUBS SHALL BE PLANTED AFTER CONCRETE PLACEMENT, BUT NOT BEFORE IRRIGATION COVERAGE TEST NO. 1 HAS BEEN APPROVED. (SEE SPECIFICATIONS).

7. PLACE TREES BETWEEN IRRIGATION HEADS WHEREVER POSSIBLE.

LANDSCAPE CONTRACTOR SHALL TAKE FOUR (4) SOIL SAMPLES FROM THE SITE AT LOCATIONS APPROVED BY THE LANDSCAPE ARCHITECT. THE SAMPLES SHALL BE TAKEN AT A DEPTH OF 12' AFTER ROUGH GRADING AND SUBMITTED TO AN APPROVED SOIL AND PLANT LABORATORY FOR AGRICULTURAL SUITABILITY TESTING. THE COST OF TESTING SHALL BE INCLUDED IN THE CONTRACTOR'S BID.

THE RECOMMENDATIONS OF THE SOIL REPORT SHALL SUPERSEDE THE SOIL PREPARATION AND BACKFILL MIX SPECIFICATIONS (SEE SPECIFICATIONS). THE CONTRACTOR SHALL SUBMIT A COPY OF ALL SOILS REPORTS TO THE LANDSCAPE ARCHITECT PRIOR TO MODIFICATION OF THESE SPECIFICATIONS.

10. SHREDDED MULCH INSTALLATION: INSTALL SHREDDED MULCH IN ALL SHRUB AND GROUNDCOVER AREAS PER SPECIFICATIONS UNLESS OTHERWISE INDICATED ON

11. CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS AND/OR REPLACEMENT OF ANY DAMAGED LANDSCAPE AREAS BEYOND THE LIMIT OF WORK, INCLUDING REPAIRING ANY IRRIGATION LINES/SPRINKLER HEADS, THAT IS A DIRECT RESULT OF THE LANDSCAPE CONSTRUCTION AND/OR HIS SUB-CONTRACTOR. REPLACEMENT ITEMS SHALL

BE EXACT DUPLICATION OF ORIGINAL WORK OR PLANTS, UNLESS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT.

12. WHEREVER GROUNDCOVER AREAS ARE ADJACENT TO TURF INSTALL CONCRETE MOW STRIP OR HEADER BOARD AS INDICATED ON DRAWINGS.

13. CLEAN-UP SHALL TAKE PLACE ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE OWNER'S REPRESENTATIVE.

14. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL GRADES AND FLOW LINES AS SHOWN ON THE GRADING PLAN. WHERE SOD IS TO BE INSTALLED ON A SWALE, THE FINISH GRADE MUST BE ADJUSTED SO THE SOD DOES NOT RESTRICT THE FLOW.

#### PLANTING LEGEND:

SIZE SPACING COMMENTS WATER QTY T-1 Platanus acerfolia 'Bloodgood' London Plane Tree Callistemon 'Little John' Dwarf Bottle Brush 5 Gal. 36" O.C. ---

Wood Chip Mulch -Provide 3" of Wood Chip Mulch in Planter Area under the (2) Existing Pine Trees

PHOTO SUBMITTAL NOTE:

ALL PLANT MATERIAL, INCLUDING TREES, SHRUBS, AND VINES, SHALL BE INSPECTED AND APPROVED BY LANDSCAPE ARCHITECT, VIA PHOTO SUBMITTALS, PRIOR TO DELIVERY TO SITE. PHOTO SUBMITTALS SHALL INCLUDE NURSERY SUPPLIER AND DATE OF PHOTOS. ANY MATERIAL DELIVERED TO SITE WITHOUT APPROVAL IS SUBJECT TO REJECTION. PHOTO SUBMITTALS SHALL BE SENT TO LANDSCAPE ARCHITECT A MINIMUM OF 48 HOURS PRIOR TO SHIPMENT OF MATERIAL. SUBMITTALS SHOULD INCLUDE SOME TYPE OF SCALE REFERENCE IN PHOTO (I.E. PERSON, MEASURING TAPE, ETC.). TREES SHALL BE NOTED WITH HEIGHT (FROM FINISH GRADE IN CONTAINER) AND CANOPY HEAD SIZE. LANDSCAPE ARCHITECT SHALL BE NOTIFIED OF SCHEDULED NURSERY DELIVERY TIMES A MINIMUM OF 24 HOURS PRIOR TO SHIPMENT. REFER TO PLANTING SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING QUALITY OF NURSERY STOCK.

**MULCH NOTE:** 

CONTRACTOR SHALL INSTALL A 3" LAYER OF CHIPPED MULCH IN ALL SHRUB AREAS (1 1/2" IN ALL GROUNDCOVER AREAS). MULCH SHALL BE 'WALK ON CHIPS' AS MADE BY EARTHWORKS, RIVERSIDE, CA, CONTACT LEFO PHORORO (951) 782-0260. SUBMIT SAMPLE OF ANY ALTERNATIVE MATERIAL PRIOR TO PURCHASE AND/OR PLACEMENT FOR OWNER'S REPRESENTATIVE'S APPROVAL.

**PLANT SPACING NOTE:** SHRUB LAYOUT AS SHOWN ON PLAN INDICATES "SHRUB MASSES." QUANTITIES ARE AS SHOWN ON PLAN, ON-CENTER SPACING AS SHOWN ON LEGEND. CONTRACTOR TO VERIFY QUANTITIES BASED ON SPACING AND ADD ADDITIONAL PLANT MATERIAL, AT NO ADDITIONAL COST TO THE OWNER, AS REQUIRED TO MAINTAIN DESIGN INTENT DUE TO EXISTING SITE CONDITIONS NOT ANTICIPATED DURING DESIGN. LAYOUT/SPACING WILL EITHER BE TRIANGULAR OR LINEAR AS INDICATED ON PLAN OR LEGEND.

LINEAR ROOT BARRIER NOTE:

ALL TREES PLANTED WITHIN 5' OF ANY HARDSCAPE WILL REQUIRE LINEAR ROOT BARRIERS, TO BE PLACED ALONG CURBS,

WALKS, AND WALLS. SEE **DETAIL B, SHEET L-2.1**, FOR LINEAR ROOT BARRIER PLACEMENT.

LANDSCAPE ARCHITECT IS TO APPROVE FINAL LAYOUT IN FIELD PRIOR TO INSTALLATION.

## **HYDROZONE LEGEND:**

REFER TO IRRIGATION PLAN AND DETAIL SHEET FOR CORRESPONDING INFORMATION.

HYDROZONE 1 (*HZ1*):

MODERATE SHRUB PLANTER AREAS, DRIP IRRIGATION W/ SUPPLIMENTAL IRRIGATION TO TREES.

SYMBOL LEGEND:

CALL-OUT

SYMBOL

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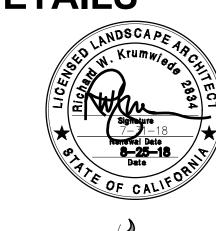
AC \_\_\_\_\_FLS \_\_\_\_\_SS \_\_\_\_\_

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LANDSCAPE PLANTING DETAILS





Rancho Cucamonga, CA 91730 PH. (909) 484-2800 Fax (909) 484-2802 Richard Krumwiede CA Lic. # 2834 AZ LIC. # 29115 NV LIC. # 446

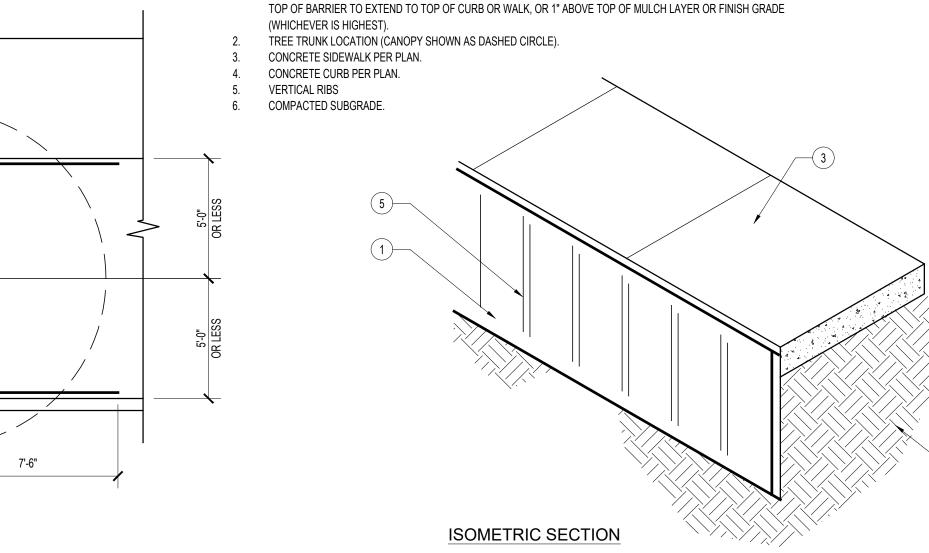
UNTANGLE MATTED ROOTS BY LOOSENING ALL ROOTS AT EDGE OF ROOTBALL W/ WATER FROM

PLACE FERTILIZER TABS IN PLANT CONTAINER

PRIOR TO PLANTING FOR OBSERVATION PURPOSES.

HOSE. DO NOT CRACK BALL OF ROOTS.

LEGEND: UNDISTURBED NATIVE SOIL. BACKFILL MIX PER PLANTING SPECIFICATIONS. FERTILIZER TABLETS PER PLANTING SPECS.



1. 18" DEEP LINEAR-STYLE ROOT BARRIER AS MADE BY CENTURY ROOT BARRIER, MODEL #CP18-2 (OR APPROVED EQUAL). PLACE BARRIER, IN TRENCH w/ THE VERTICAL RIBS FACING TOWARD TREE AND ALIGN IN A STRAIGHT FASHION. USE HARDSCAPE EDGE AS A GUIDE AND BACKFILL AGAINST THE BARRIER TO PROVIDE A CLEAN FIT.



'CINCH TIE' AS MANUFACTURED BY V.I.T. CO. (2)
PER POLE. SEE SPECIFICATIONS. NAIL TO TREE

STAKE w/ 1" GALV. ROOFING NAIL (4) REQUIRED.

2" DIA. x 10' LODGEPOLE PINE TREE STAKE, (2)

PER TREE. LOCATE OUTSIDE ROOTBALL.

CONTAINER ROOTBALL. SET 3" ABOVE F.G. TEMPORARY 3" BERM TO FORM DEPRESSED

PREPARED BACKFILL MIX PER SOIL REPORT

FERTILIZER TABLETS AND QUANTITY PER

PLANT PIT TO BE TWICE ROOTBALL WIDTH.

3" MULCH LAYER. 3'-0" DIA. IN TURF AREAS

UNTANGLE MATTED ROOTS BY LOOSENING ALL ROOTS

AT EDGE OF ROOT BALL w/ WATER FROM HOSE. DO NOT

PLACE FERTILIZER TABS IN PLANT PIT PRIOR TO

SET STAKES PERPENDICULAR TO PREVAILING WINDS.

PLANTING FOR OBSERVATION PURPOSES.

WATERING BASIN. ALL SIDES.

PLANTING SPECIFICATIONS.

UNDISTURBED NATIVE SOIL.

11. TREE PER PLANTING PLAN.

CRACK ROOT BALL.

10. FINISH GRADE.

RECOMMENDATIONS.



1



4. PLANT PIT TWICE ROOTBALL WIDTH AND 6"

BELOW BOTTOM OF ROOTBALL.

5. 3" BERM TO FORM WATERING BASIN.

6. ROOTBALL.

7. FINISH GRADE.

